Beanstalk ULTIMA

LEAF TOUCH PC

USER MANUAL

HCL

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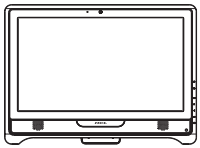
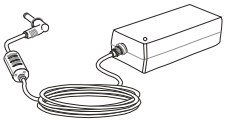
Chapter 1
Overview

Beanstalk Ultima is integrated in design, selecting a stylish appearance with a glassy frame, which displays the simplicity of modern individualism and the comfort of home. Furthermore, it is accompanied with the best computer features, such as instant message, low acoustics, energy saving and 802.11 b/g/n wireless internet capability so you may roam freely in the realm of cyberspace.

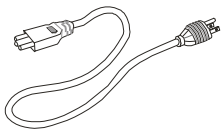
Packing Contents



Beanstalk Series



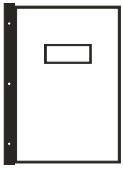
AC/ DC Adapter



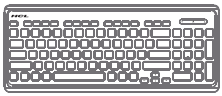
AC Power Cord

LCD Display Wiper

Driver/Utility Disk

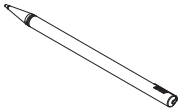


User Manual &
Quick Guide



Keyboard (Optional)

Mouse (Optional)

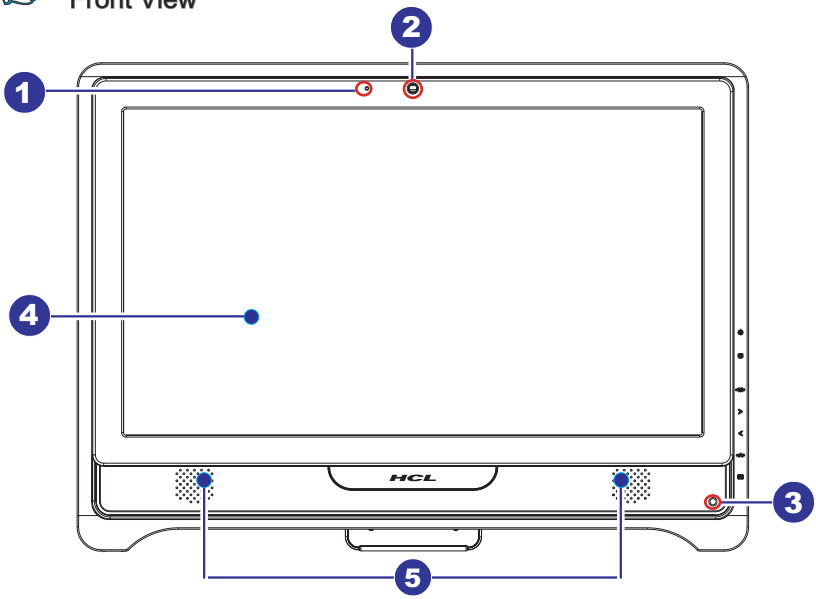


Stylus (Optional)

* The picture is for your reference only and your packing contents may slightly vary depending on the model you purchased.

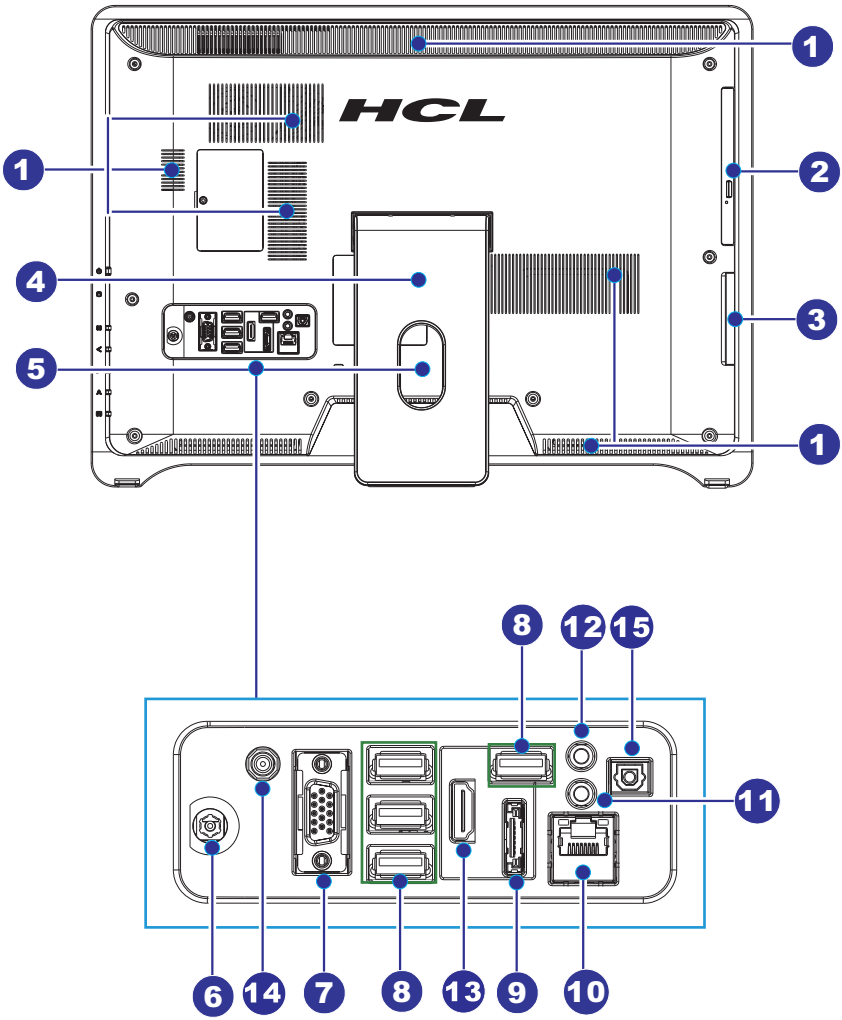
System Overview

Front View



1	**Microphone** - The built-in microphone can be used for video chatting online.
2	**Webcam** - The built-in webcam with the microphone can be used for picture taking, video recoding, online conferencing and any other interactive applications.
3	**IR Receiver (Optional)** - This infrared receiver is provided for remote control.
4	**LCD Display** - The 21.5-inch TFT LCD display is with an optimal resolution of 1920 X 1080 and standard proportion of 16:9 widescreen.
5	**Stereo Speakers** - The built-in stereo speakers deliver high quality sound blaster with stereo system and Hi-Fi function supported.

Rear View



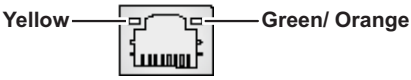
Important

We suggest that you connect the AC/ DC adapter to your AIO PC first and then connect the AC power cord to the socket-outlet for safety concerns.

1	**Ventilator** - The ventilator on the enclosure is used for air convection and to prevent the equipment from overheating. Do not cover the ventilator.
2	**Optical Disk Drive** - A DVD Super-Multi drive is integrated for your home entertainment (Blue-ray is optional).
3	**Card Reader Drive** - The built-in card reader may support various types of memory card, such as XD (eXtreme Digital), SD (Secure Digital), SDHC (SD High Capacity), MS (Memory Stick), MS Pro (Memory Stick Pro) or MMC (Multi-Media Card) cards that usually used in devices like digital cameras, MP3 players, mobile phones and PDAs. Contact the local dealer for further information and please be noted that the supported memory cards may vary without notice.
4	**Stand** - Use this stand to position your system on a fat and stable surface.
5	**Cable Routing Hole** - Route the cables through the cable routing hole to avoid cable spaghetti when connecting devices.
6	**Power Jack** ⎓ - The power adapter converts AC power to DC power for this jack. Power supplied through this jack supplies power to the PC. To prevent damage to the PC, always use the supplied power adapter.
7	**VGA - In Port (Optional)** The DB15-pin female connector is provided.
8	**USB Port** ⇄ - The USB (Universal Serial Bus) port is provided for attaching USB devices such as mouse, keyboard, printer, scanner, camera, PDA or other USB-compatible devices.
9	**E-SATA Port (Optional)** The E-SATA (External-SATA) port is provided for E-SATA hard disk drives.

10 **RJ-45 LAN Jack**

- The standard RJ-45 LAN jack is provided for connection to the Local Area Network (LAN). You can connect a network cable to it.



LED	Color	LED State	Condition
Left	Yellow	Off	LAN link is not established.
		On (steady state)	LAN link is established.
		On (brighter & pulsing)	The computer is communicating with another computer on the LAN.
Right	Green	Off	10 Mbit/sec data rate is selected.
		On	100 Mbit/sec data rate is selected.
	Orange	On	1000 Mbit/sec data rate is selected.

11 **Microphone Connector**

- This connector is provided for microphones.

12 **Audio Output Connector**

- This connector is provided for headphones or speakers.

13 **HDMI - In Port (Optional)**

- The High-Definition Multimedia Interface (HDMI) is an all-digital audio/ video interface capable of transmitting uncompressed streams. HDMI supports all TV format, including standard, enhanced or high-definition video, plus multi-channel digital audio on a single cable.

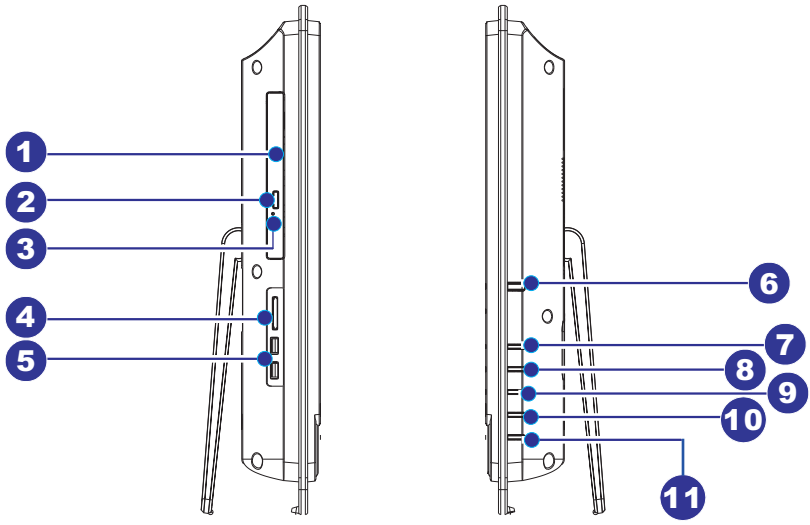
14 **TV Tuner Antenna Connector (Optional)**

- This connector is for TV antenna.

15 **Optical S/PDIF-Out Jack (Optional)**

- This S/PDIF (Sony & Philips Digital Interconnect Format) jack is provided for digital audio transmission to external speakers through an optical fiber cable.

Side View



1	**Optical Disk Drive** - A DVD Super-Multi drive is integrated for your home entertainment (Blue-ray is optional).
2	**Eject Button** - Press the eject button to open the optical disk drive.
3	**Eject Hole** - Insert a thin, straight object (such as a paper clip) into the eject hole to open the optical disk drive manually if the eject button does not work.
4	**Card Reader Drive** - The built-in card reader may support various types of memory card, such as XD (eXtreme Digital), SD (Secure Digital), SDHC (SD High Capacity), MS (Memory Stick), MS Pro (Memory Stick Pro) or MMC (Multi-Media Card) cards that usually used in devices like digital cameras, MP3 players, mobile phones and PDAs. Contact the local dealer for further information and please be noted that the supported memory cards may vary without notice.

5	**USB Ports** - The USB (Universal Serial Bus) port is provided for attaching USB devices such as mouse, keyboard, printer, scanner, camera, PDA or other USB-compatible devices.
6	**System Power Button/LED** - Press the system power button to turn the system on or off. The power LED glows when the system is turned on and goes off when the system is shut down. In terms of power saving, the LED blinks in S3 (Suspend to RAM) mode and goes off in S4 (Suspend to Disk) mode. Pressing the system power button will wake the system up from power saving mode.
7	**MENU Button** MENU - Press this button to view the OSD menu or enter into the sub menu.
8	**Right Button** - This button indicates the cursor movement or OSD manual selection in incremental values.
9	**Left Button** - This button indicates the cursor movement or OSD manual selection in decremental values.
10	**AUTO Button** AUTO - Press this button to view the video mode menu or exit the submenu.
11	**LCD Power Button** - Press this button to power ON/OFF the monitor.

MAINBOARD SPECIFICATIONS

Processor

- Socket 478 for Intel® Pentium® Dual-Core or Celeron® and Core™2 Duo processors
- Front Side Bus (FSB) up to 1066 MHz
- Thermal Design Power (TDP) 35 W

Chipset

- NVIDIA® ION (MCP7A-LP) chipset
- Thermal Design Power (TDP) 17 W

Memory

- 2 DDR2 667/ 800 SO-DIMM slots (200 pins/ 1.8V)
- Supports the maximum of 8 GB

LAN

- Gigabit Fast Ethernet by Realtek® 8111DL GbE controller

Audio

- HDA Codec by Realtek® ALC888
- Compliant with Azalia 1.0 specs

Form Factor

- 197mm x 210mm

System Specifications

LCD Display

■21.5-inch TFT LCD display with an optimal resolution of 1920 X 1080 and standard proportion of 16:9 widescreen

Input / Output (I/O)

■1 DC power jack
■1 VGA-In port (optional)
■6 USB ports
■1 E-SATA port (optional)
■1 RJ-45 LAN jack
■1 microphone jack
■1 headphone/ speaker jack
■1 optical S/PDIF-out jack (optional)
■1 TV tuner antenna connector (optional)
■1 HDMI-In port (optional)

Communication

■Wired LAN: supported by Realtek® RTL8111DL GbE controller
■Wireless LAN: optionally supported through Mini PCI-E WLAN module
■Bluetooth: optionally supported through USB-interfaced Bluetooth module

Storage

■Hard Disk Drive: 3.5”, SATAII
■Optical Disk Drive: Slim DVD Super Multi
■Card Reader: 4 in 1 (XD, SD, MMC, MS)

Stereo Speaker

■2 Hi-Fi stereo speakers with SRS Premium Sound (5 W x 2)

WebCam

■1.3M WebCam with microphone

Power Supply

■120 watt AC/ DC adapter with active PFC
■Input: 100-240V~, 50-60Hz, 2.0A
■Output: 19V ⎓ 6.3A

Built-In Card

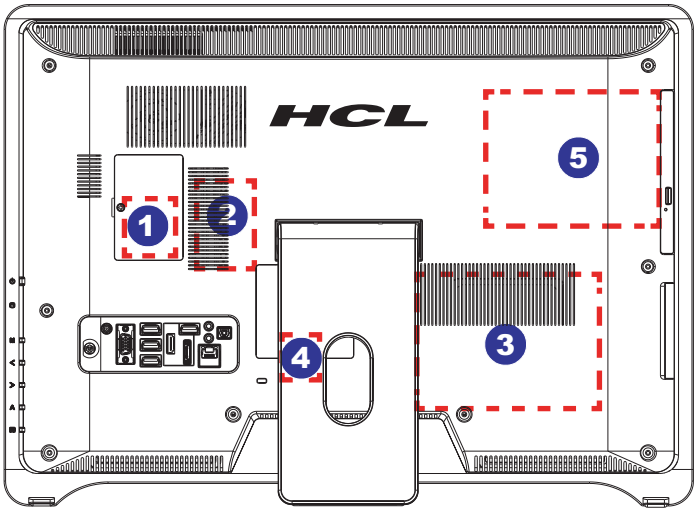
■1 wireless LAN card

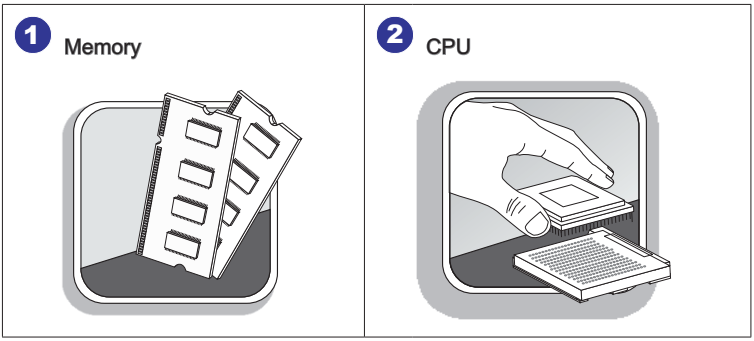
Dimension

■ 513 mm (W) X 392 mm (H) X 91 mm (D)

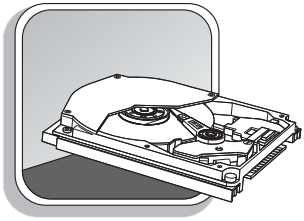
Component Replacement & Upgrade

Please note that certain components preinstalled in the product may be upgradable or replaceable by user's request depending on the models users purchased.

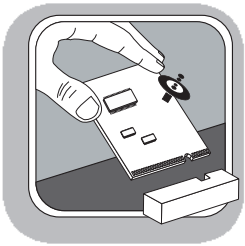




3 Hard Disk Drive



4 Wireless LAN Card



5 Optical Disk Drive

If the specified component has been determined by the HCL engineer or store as problematic or defective and may incur the need for replacement, you may bring the product for repair along with the warranty card, purchase invoice or receipt to the HCL-authorized service center closest to your location for assistance.

To learn more about upgrade limitation, please refer to the specifications in the User's Manual. For any further information on the product users purchased, please contact the local dealer.

Do not attempt to upgrade or replace any component of the product if you are not an authorized dealer or service center, since it may cause the warranty void. It is strongly recommended that you contact the authorized dealer or service center for any upgrade or replace service.

Chapter 2
Getting Started

This chapter provides you with the information on hardware set-up procedures. While connecting peripheral devices, be careful in holding the devices and use a grounded wrist strap to avoid static electricity.

SAFETY & COMFORT TIPS

The AIO PC is a portable platform that allows you to work anywhere. However, choosing a good workspace is important if you have to work with your PC for a long period of time.

- Your work area should have enough illumination.
- Choose the proper desk and chair and adjust their height to fit your posture when operating.
- When sitting on the chair, adjust the chair's back (if available) to support your back comfortably.
- Place you feet flat and naturally on the floor, so that your knees and elbows have the proper position (about 90-degree) when operating.
- Put your hands on the desk naturally to support your wrists.
- Adjust the angle/position of the AIO PC to have an optimal view.
- Avoid using your PC in a place where discomfort may occur (such as on the bed).
- The AIO PC is an electrical device. Please treat it with great care to avoid personal injury.

1. Keep your hands and feet with optimal comfort.
2. Adjust the angle and position of the monitor.
3. Adjust the desk's height.
4. Sit straight and keep a good posture.
5. Adjust the chair's height.

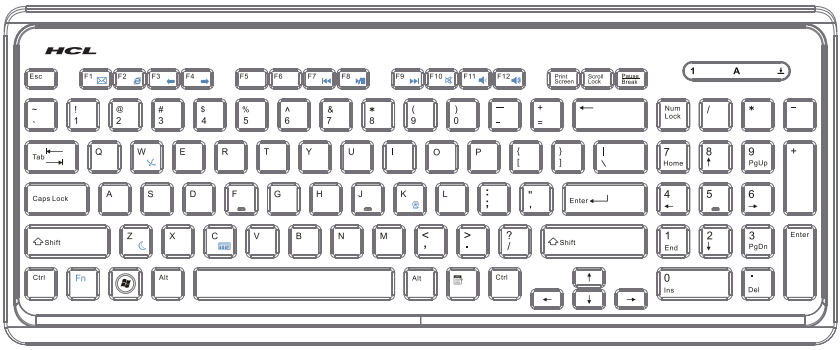
Having Good Working Habits

Having good working habits is important if you have to work with your AIO PC for long periods of time; otherwise, it may cause discomfort or injury to you. Please keep the following tips in mind when operating.

- Change your posture frequently.
- Stretch and exercise your body regularly.
- Remember to take a break after working for a period of time.

KNOWING THE KEYBOARD (OPTIONAL)

Leaftouch PC packs with a wireless keyboard that helps your control of the system.



► **Specifications**

- Compatible with EU/UK/US/JP/KR language layout
- Isolated keycap for easy typing
- Low profile with silk printing technology
- USB interface for all Windows® OS
- Keystroke life: 12 million
- Dimensions: 376.4 (L) X 155.09 (W) X 21.91 (H) mm
- Cable Length: 150cm
- Weight: 440g

► **Features**

- Multimedia function keys with AIO PC
- New isolated keycap for easy typing
- Soft-touch and tactile feedback for comfortable typing
- New concept elegant and slim keyboard in streamline shape
- Compact size for space saving
- Especially fit for HCL LCD display
- Compatible with Windows® 2000/ ME/ XP/ Vista/ 7
- Built-in function hot keys
- Access favorite websites and applications with one touch hot keys

**** The illustration of keyboard is for reference only. Actual product specifications may vary with territories.***

Multimedia Keys

	Fn + F7	Backward to previous track
	Fn + F8	Play and pause
	Fn + F9	Forward to next track
	Fn + F10	Mute function
	Fn + F11	Volume down
	Fn + F12	Volume up

Hot Keys

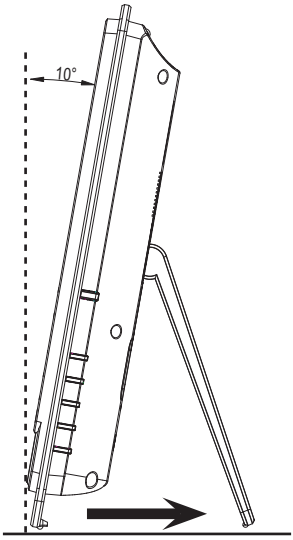
	Fn + F1	Launch the default E-Mail applications
	Fn + F2	Launch the default internet browser and go to the default home page
	Fn + F3	Back to the previous web page
	Fn + F4	Forward to the next web page
	Fn + C	Calculator
	Fn + Z	Sleep mode (energy saving)
	Fn + W	Wireless LAN
	Fn + K	Camera

POSITIONING YOUR SYSTEM

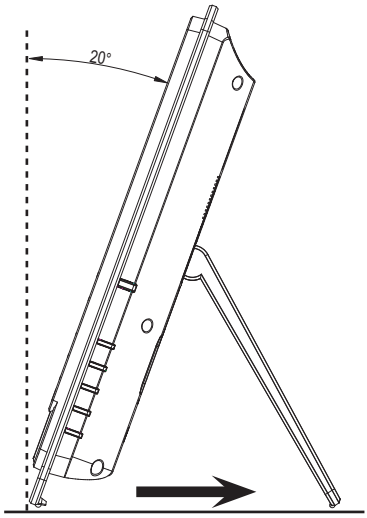
Positioning Your AIO PC

Step 1. Place your AIO PC on a flat and steady surface such as a table or desk.

Step 2. Pull the stand open and tilt the LCD display to an angle of between 10 and 20 degrees to suit your preference. This helps to reduce your eye strain and muscle fatigue.



10 degrees



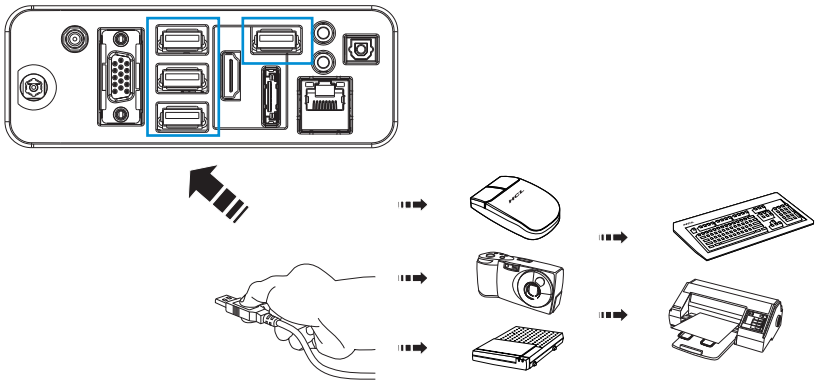
20 degrees

CONNECTING PERIPHERAL DEVICES

The I/O (input/output) ports on the rear panel allow you to connect peripheral devices. All devices listed here are for reference only.

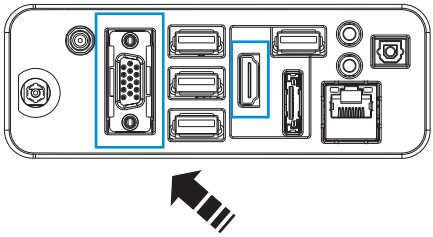
Connecting the USB Devices

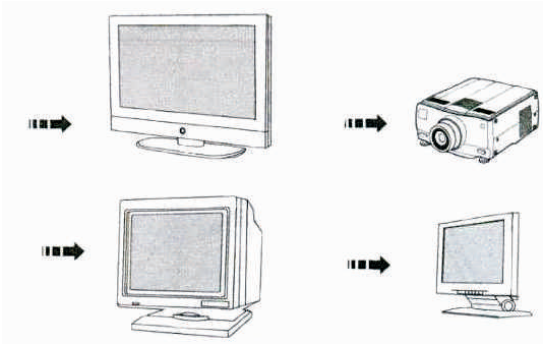
This AIO PC provides USB ports for connecting various USB devices, such as mouse, keyboard, digital camera, webcam, printer, external optical storage device,.. and etc. To connect these devices, install the drivers for each device first if necessary, and then connect the device to the AIO PC. This AIO PC is capable of auto detecting the USB devices installed, and if there is no detection of the devices, please manually enable the USB devices by going to Start Menu / Control Panel / Add Hardware to add the new device.



Connecting the External Display Devices (Optional)

This AIO PC provides VGA ports for connecting larger displays with higher resolution. The 15-pin-D-sub VGA port allows users to connect an external monitor or other standard VGA-compatible devices (such as a projector) for a great view of the AIO PC display.





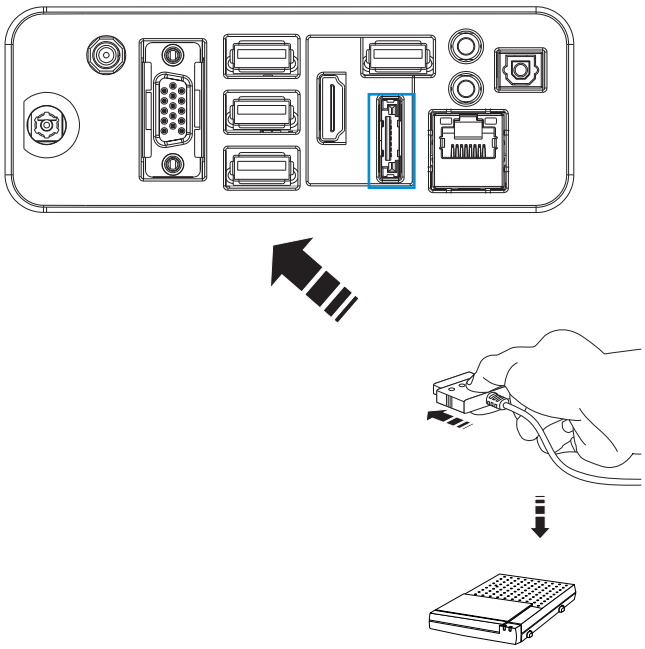
To connect the external display, make sure the AIO PC and the external display are both powered off, and then connect the display to the AIO PC.

Once the display is connected to the AIO PC, power on the AIO PC and the external display should respond by default. If not, you can switch the display mode by pressing [Fn]+[F2]. Alternately, you can change the display mode by configuring the settings in Display Properties of Windows operating system.

Connecting the External SATA Hard Disk Drive (Optional)

The E-SATA Connector allows you to connect an external Serial ATA hard disk device. The E-SATA standard interface supports “plug-and-play” technology, so that you can connect and remove the E-SATA devices without turning of the AIO PC.

To connect the E-SATA hard disk device, simply connect the cable of the device to the E-SATA Connector of your AIO PC.

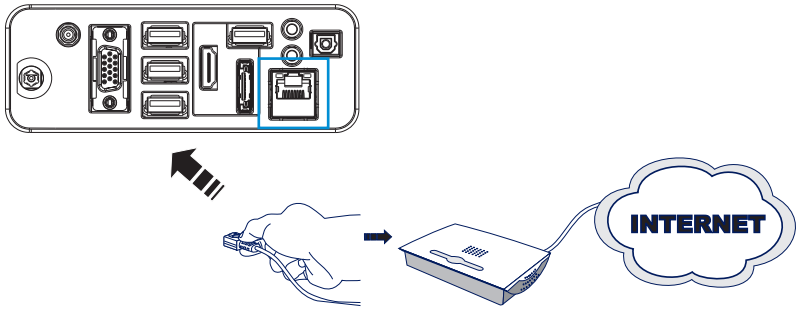


Connecting the Communication Device

Wired LAN

The RJ-45 connector of the AIO PC allows you to connect the LAN (local area network) devices, such as a hub, switch and gateway, to build a network connection.

For more instructions or detailed steps on connecting to the LAN, please ask your MIS staff or network manager for help.

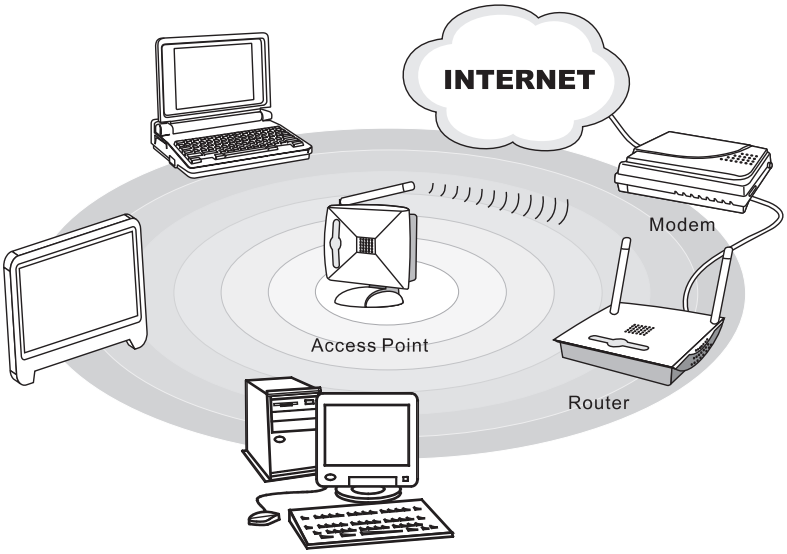


Wireless LAN (Optional)

This AIO PC is equipped with wireless LAN module which allows users to perform fast data transmission with standard IEEE 802.11 technology for wireless LAN. This gives users the mobility to move around within a broad coverage area and still be connected to the network.

By using the 64-bit/128-bit Wired Equivalent Privacy (WEP) encryption technology and Wi-Fi Protected Access feature, the optional built-in wirelesses LAN is capable to achieve a more efficient and a more secure solution to the wireless communication.

For more instructions or detailed steps on connecting to the Wireless LAN, please ask your MIS staff or network manager for help.



CONNECTING POWER

Connecting the AC Power

Step 1. Unpack the package to find the AC/DC adapter and AC power cord.

Step 2. Assemble the AC/DC adapter and the AC power cord.

Step 3. Plug the DC end of the adapter to the AIO PC, and the male end of the AC power cord to the electrical outlet.

Important

We suggest that you connect the AC/DC adapter to your AIO PC first and then connect the AC power cord to the socket-outlet for safety concerns.

Disconnecting the AC Power

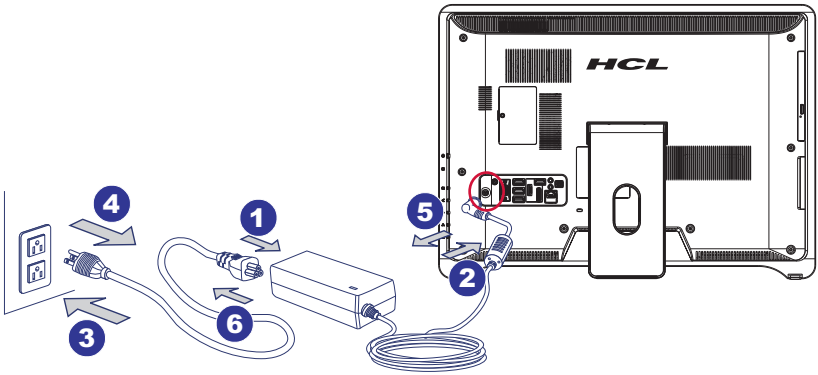
Step 4. Unplug the AC power cord from the electrical outlet first.

Step 5. Unplug the connector from the AIO PC.

Step 6. Disassemble the AC power cord and the AC/DC adapter.

Important

When unplugging the AC power cord, always hold the connector part of the cord. Never pull the cord directly!



Chapter 3
System Operations

This chapter provides you with essential information on system operations, such as system boot setup, recovery disk creation, network connection, SRS Premium Sound, and so on.

Important

- *It is highly recommended that you create a system recovery disk as the backup solution in the event of a catastrophic disk failure or other accidents.*
- *All information is subject to change without prior notice.*

SYSTEM BOOTING SETUP FOR THE FIRST TIME

For the first-time use, you will need to go over the following steps to start using your Beanstalk Ultima. The entire booting setup will take you around 30 minutes.

Step 1. Windows setup starts running. Please wait until Windows setup finishes the progress loading.

Step 2. Select the language of the operating system and click [Next] to continue.

Step 3. Choose the “Country or region”, “Time and currency”, and “Keyboard layout” you need. Click [Next] to continue.

Step 4. Choose a user name for your account and name your computer to distinguish it on the network. Click [Next] to continue.

Step 5. Set a password for your account to protect your user account from unwanted users. (Leave this field blank if no need for password.) Click [Next] to continue.

Step 6. Please read the license terms. Check the “I accept the license terms” box and click [Next] to continue.

Step 7. Select [Use recommended settings] for “Help protect your computer and improve Windows automatically.”

Step 8. Review your time and date settings. Click [Next] to continue.

Step 9. Please choose a wireless network you intend to join from the provided WLAN list. Click [Next] to continue. You may also click [Skip] to skip this step and set up the WLAN later.

Step 10. Followingly comes the anti-virus software screen. Click [Agree] to ac - cept the license agreement terms and activate the anti-virus software. Alternatively, choose [No, I do not want to protect my PC.] to proceed without activating the anti-virus software.

Step 11. The “Software Installation Menu” pops up. Click [Install] to continue.

Step 12. The software is being installed. Please do not turn of the computer when software installation is running. When the progress bar completes loading, click [Finish] to continue.

Step 13. The system enters the Windows 7 OS to start its personalized settings. Get ready to explore your AIO PC after the personalized settings are done. Have fun with it!

SRS Premium Sound (Optional)

SRS Premium Sound is a comprehensive suite of state-of-the-art audio technologies that deliver a superior entertainment experience for playback of music, video and game content on the PC.

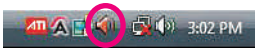
With SRS Premium Sound your audio entertainment experience will sound better - more natural and immersive, with deeper bass, clearer dialog and outstanding surround sound.

Features:

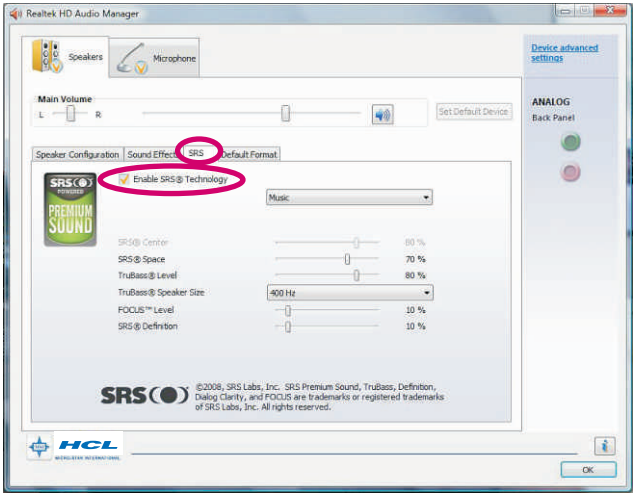
- Premium audio experience for music, video and games on the PC
- Immersive surround sound experience from internal or external speakers and even headphones
- Greater volume without degrading audio quality
- Crystal clear dialog
- Deep, rich bass

Using the SRS Premium Sound

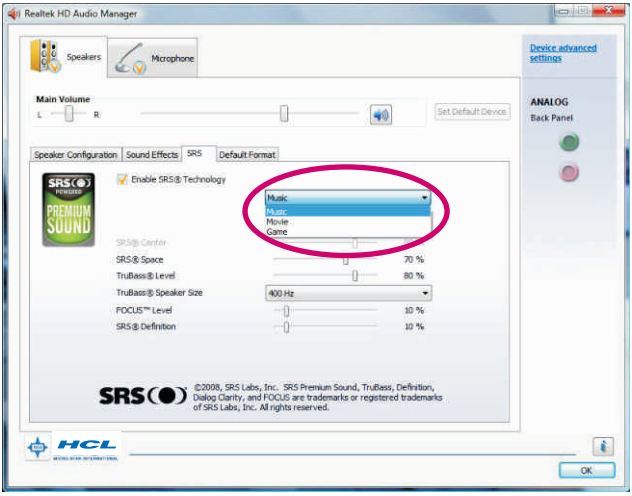
Step 1. Double-click the Realtek HD Audio tray icon at the lower right corner of the screen to launch the SRS Premium Sound.



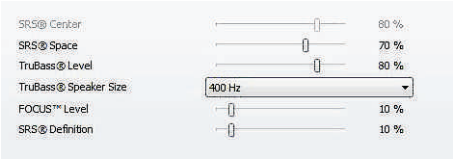
Step 2. The Realtek HD Audio Manager pops up. Click the SRS tab and check the "Enable SRS® Technology" box.



Step 3. Choose the audio content you are listening to. The SRS Premium Sound will automatically process the specified audio signals to deliver enhanced audio performance.



Step 4. The following settings allow for specific control of SRS tuning parameters and are provided for External Speakers and Headphones.

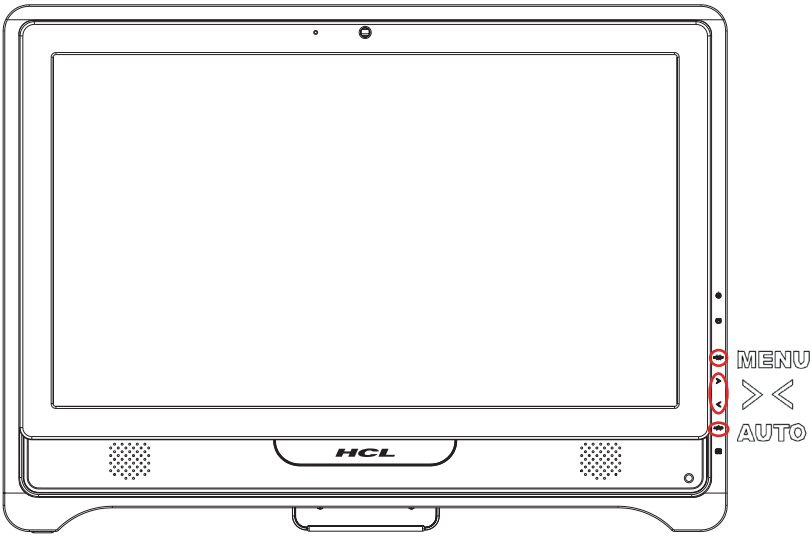


- SRS Center: adjusts the center-channel sound
- SRS Space: adjusts the amount and width of the sound stage
- TruBass Level: adjusts the bass or low frequencies
- TruBass Speaker Size: should be used to select the size of the speakers
- Focus Level: adjusts the frequencies that include vocals/voice
- SRS Definition: adjusts the high frequencies

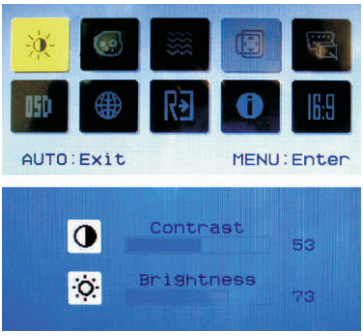
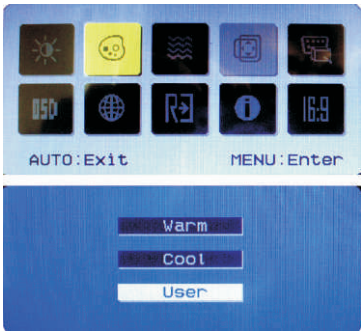
CAUTION: These settings are very sensitive and should be used by advanced users.

On-Screen Display (OSD)

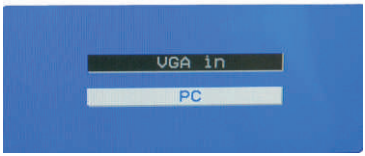
The on-screen display (OSD) allows you to tune the viewing options of the monitor, such as brightness, contrast, positioning, and language. It can be activated by buttons at the right side of the monitor.



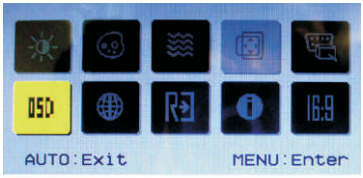
Step 1. Press the MENU button to bring up the OSD main menu. Use the Right and Left arrow buttons to select the desired function menu and press the MENU button to enter. Use the Right and Left arrow buttons to select or tune the values to suit your personal preferences. After the settings are done, press the AUTO button to exit.

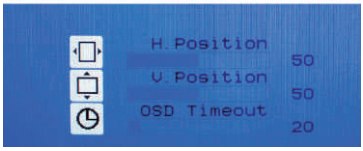
Adjusting contrast and brightness	Adjusting color
	

Adjusting signal source



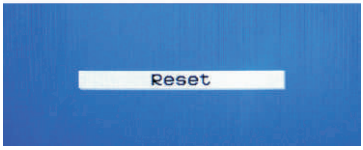
Adjusting positioning & timeout



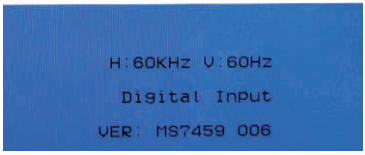


Specifying language

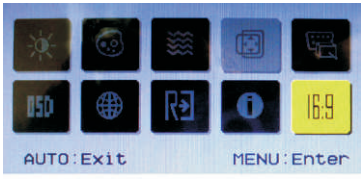
Resetting system



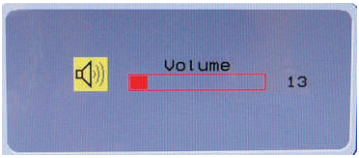
Reading system information



Adjusting wide screen mode



Step 2. Press the Right & Left arrow buttons to adjust the system volume.

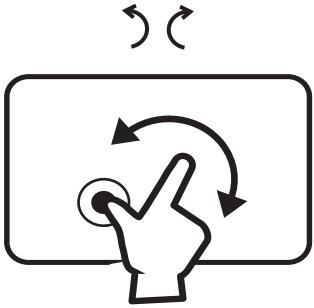


Step 3. Press the AUTO button to view the video mode menu. Use the Right & Left arrow buttons to select a desired mode and press the AUTO button to exit after the selection is made.

Multi-Touch Gesture

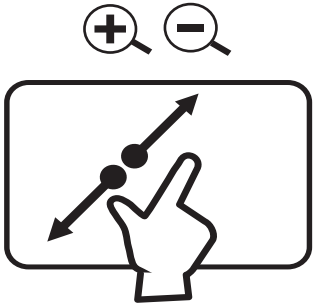
Rotate Gesture:

- Place two separated fingers on the Picture.
- Retain one finger in the fixed position, and move other finger in an arching Motion while maintaining uniform finger separation.
- Left arching motion indicates left rotation, Right arching motion indicates right rotation.
- Gesture ends when both fingers are lifted from Picture.



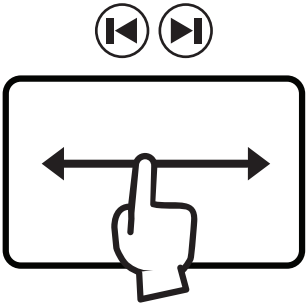
Pinch Gesture:

- Place two fingers on the Picture.
- Slide the finger closer together to zoom-out or further apart to zoom-in.
- Gesture ends when both fingers are lifted from Picture.



Flick Gesture:

- Place one finger on the Picture.
- Flick the finger across the Picture in a linear, continuous motion.
- Gesture ends when finger is lifted.



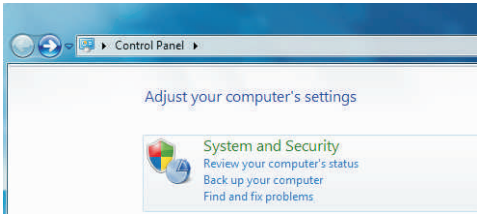
POWER MANAGEMENT

Power management of personal computers (PCs) and monitors has the potential to save significant amounts of electricity as well as deliver environmental benefits.

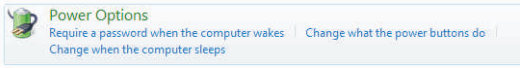
To be energy efficient, turn of your display or set your PC to sleep mode after a period of user inactivity.

Power Management in Windows OS

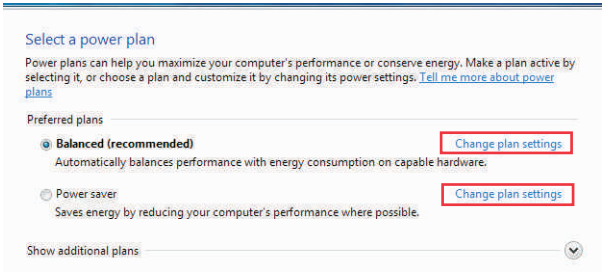
■ [Power Options] in Windows OS allow you to control the power man--agement features of your display, hard drive, and battery.Go to [Start] > [Control Panel] > [System and Security].



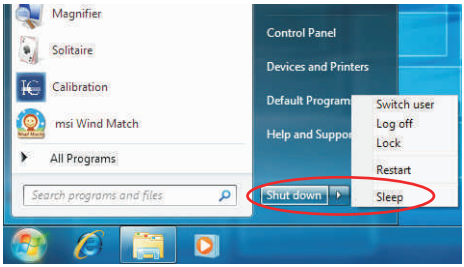
Then click on the [Power Options] link.



Select a power plan that suits your personal needs. You may also fine-tune the settings by clicking [Change plan settings].



- The Shut Down Computer menu presents the options of Sleep (S3/S4) & Shut Down (S5) for rapid and easy management of your system power.



Waking the System Up

The computer shall be able to wake up from power saving mode in response to a command from any of the following:

- the power button,
- the mouse,
- the keyboard.

Energy Saving Tips:

- Turn of the monitor by pressing the LCD power button after a period of user inactivity.
- Utilize the Fn + Z (Fn + Z) sleep mode keys to turn into power saving mode.
- Tune the settings in Power Options under Windows OS to optimize your PC's power management.
- Install power saving software to manage your PC's energy consumption.
- Always disconnect the AC power cord or switch the wall socket of if your PC would be left unused for a certain time to achieve zero energy consumption.